

Message Text

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ORIGIN SS-25

INFO OCT-01 ISO-00 SSO-00 /026 R

DRAFTED BY NEA/IRN:CNAAS:TH
APPROVED BY NEA:SSOBER
T:LBROWN
PM:RERICSON (SUBS)
DOD/DSAA:EVONMARBOD (SUBS)
S/S:RPERITO
H/D GELBER

-----014510 130430Z /21
O 130400Z AUG 77 ZFF4
FM SECSTATE WASHDC
TO AMEMBASSY TEHRAN NIACT IMMEDIATE

S E C R E T STATE 192466

EXDIS - FOR AMBASSADOR FROM SOBER

E.O. 11652: GDS

TAGS: PFOR, US, IR

SUBJECT: AWACS ASSURANCES

1. FOLLOWING IS TEXT OF PROPOSED "ASSURANCES" WHICH MAY BE DELIVERED BY ADMINISTRATION TO THE CONGRESS WHEN AWACS CASE IS RESUBMITTED AFTER LABOR DAY. ALTHOUGH THIS DRAFT HAS BEEN CAREFULLY DEVELOPED BY DOD-STATE WORKING TEAM, IT HAS NOT REPEAT NOT BEEN CLEARED AT ANY POLICY-MAKING LEVEL. AT THIS POINT WE WOULD LIKE TO HAVE YOUR PERSONAL REACTION AND ALSO YOUR ESTIMATE AS TO ACCEPTABILITY TO GOI OF THESE ASSURANCES. YOU SHOULD OF COURSE NOT SHARE FOLLOWING TEXT WITH IRANIANS AT THIS POINT. IN ADDITION TO ANY SUGGESTIONS YOU MAY HAVE, WE MAY NEED TO CONSIDER CHANGES AS RESULT OF FORTHCOMING
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INFORMAL CONSULTATIONS WITH PEOPLE ON THE HILL AND POSSIBLY ALSO GAO.

2. APPRECIATE RECEIVING YOUR COMMENTS BY WASHINGTON OPENING OF BUSINESS, MONDAY, AUGUST 15.

ASSURANCES, WHICH ARE KEYED TO THE HUMPHREY LETTER WHICH YOU ALREADY HAVE:

BEGIN TEXT:

(1) ENCIPHERMENT GEAR AND OTHER SENSITIVE EQUIPMENT:

THE IRANIAN AWACS OR E-3K WILL BE A HIGHLY EFFECTIVE AIRBORNE SURVEILLANCE SYSTEM. ITS CONFIGURATION WILL, HOWEVER, BE SOMEWHAT MORE AUSTERE THAN THE USAF ENHANCED VERSION INsofar AS SENSITIVE EQUIPMENT IS CONCERNED.

US GOVERNMENT ENCIPHERMENT GEAR (KG-40) WILL NOT BE INCLUDED ON THE AWACS SOLD TO IRAN. (ENCIPHERMENT EQUIPMENT SCRAMBLES THE ELECTRONIC SIGNALS WHICH TRANSMIT DATA BETWEEN THE AIRCRAFT AND GROUND STATIONS OR WITH OTHER AIRCRAFT SO THAT THE SECURITY OF THE INFORMATION CANNOT BE COMPROMISED.) THE US COMMUNICATIONS SECURITY BOARD, AN INTERAGENCY BODY, HAS RULED THAT EFFICIENT AND SECURE ENCIPHERMENT EQUIPMENT FOR THE AWACS FOR IRAN CAN AND SHOULD BE PROVIDED FROM US COMMERCIAL SOURCES.

THE U.S. BUREAU OF STANDARDS HAS PRODUCED DATA ENCRYPTION STANDARDS FOR THE INDUSTRY TO USE IN COMMERCIAL VENTURES SUCH AS THE ENCIPHERMENT GEAR TO
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BE ACQUIRED FOR THE IRANIAN AWACS. THOSE STANDARDS PROVIDE A HIGH LEVEL OF SECURITY.

COMPARISON OF US AND IRANIAN AWACS CONFIGURATIONS:

US ENHANCED: E 3A IRAN: E-3K

DATA PROCESSOR	2 ACUS	2 ACUS
	11 16 THOUSAND	7 16 THOUSAND
	WORD MSUS	WORD MSUS
	3 MMDS	2 MMDS

TRACK INITIATION	MANUAL	MANUAL
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TRACK CAPACITY	100 PERCENT	100 PERCENT
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DATA DISPLAY	12 CONSOLES	9 CONSOLES
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ELECTRONIC WAR- FARE SUPPORT MEASURES	NO	NO
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SELF DEFENSE SUBSYSTEM	HARD POINTS, RWR	NO
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MARITIME
SURVEILLANCE

SYSTEM YES YES

JTIDS YES NO

ADDITIONAL ECCM YES NO

COMMUNICATIONS 14 UHF 14 UHF

3 VHF-AM 2 VHF-AM

1 VHF-FM 1 VHF-AM

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2 HF 2 HF

TADIL-A TADIL-A

TADIL-C TADIL-C

IFF AN/APX-103 AN/APX-103 (LESS
NON-RELEASABLE ECCM
FUNCTIONS)

DISPLAY REMOTING

SYSTEM YES NO

ACU - ARITHMETIC CONTROL UNIT

MSU - MAIN STORAGE UNIT

MMD - MASS MEMORY DRUM

JTIDS - JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM

RWR - RADAR WARNING RECEIVER

IFF - IDENTIFICATION FRIEND OR FOE

ECCM - ELECTRONIC COUNTER-COUNTER MEASURES

THUS, FROM THE ABOVE INFORMATION, THE CORE AWACS

EQUIPMENT DELETIONS FOR THE IRANIAN AWACS ARE:

-ENCIPHERMENT EQUIPMENT - SA PROVIDED (US); COMMERCIAL
(NSA APPROVED) (IRAN).

-IFF SUBSYSTEM - AN/APX-103(US); AN/APX-103 LESS MODE 4
(WHICH PROVIDES SECURE CAPABILITY) AND LESS NON-INHERENT
ECCM FEATURES (IRAN).

IT SHOULD ALSO BE NOTED FROM THE FIRST CHART ABOVE THAT
THE IRANIAN AWACS WILL INCLUDE THE FOLLOWING EQUIPMENT
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NOT INCLUDED IN THE USAF AWACS: RAPIER MODIFICATION (TO
ENHANCE AWACS/RAPIER ELECTROMAGNETIC COMPATIBILITY);
MARITIME SURVEILLANCE ENHANCEMENT (FOR DETECTION/TRACKING

OF SURFACE VESSELS IN OPERATIONAL SEA STATES); AND WING
HARDPOINTS FOR CHAFF/FLARE PODS (FOR EVOLVING THREAT
SELF-DEFENSE ENHANCEMENT); BUT NOT HARD POINTS FOR RWR.

FOLLOWING IS BACKGROUND INFORMATION ABOUT THE EQUIPMENT
WHICH WILL BE ON THE USAF ENHANCED AWACS, BUT NOT ON THE
IRANIAN VERSION:

- DISPLAY REMOTING: WILL PROVIDE THE TOTAL "BIG PICTURE",
AS SEEN ON E-3A DISPLAY CONSOLE, TO GROUND-BASE; DECISION
AUTHORITIE.

- JTIDS: WILL PROVIDE A COMMUNICATIONS SYSTEM WHICH IS
JAM-RESISTANT, SECURE, AND HAS THE CAPABILITY TO RAPIDLY
COLLECT AND DISSEMINATE INFORMATION TO ALL COMMAND AND
CONTROL ELEMENTS AND FIGHTER SUPPORT AIRCRAFT. THE
TADIL A LINK, WHICH WILL BE ON THE IRANIAN VERSION, IS
LIMITED IN THE NUMBER OF SUBSCRIBERS, LACKS ANTI-JAM
CAPABILITY AND HAS A MUCH LOWER DATA TRANSFER RATE
THAN WILL BE AVAILABLE FROM JTIDS.

- EXPANDED C3/SIGINT: WILL EXPAND THE PRESENT
CAPABILITIES TO MEET THE 1980 PROJECTED ENVIRONMENT.
NUMBER OF CONSOLES IS INCREASED FROM 9 TO 12. RADIOS
ARE INCREASED FROM 14 UHF AND 2 HF TO 17 UH AND 3 HF.
ONE CONSOLE, ALONG WITH A SECURE HF RADIO, IS DEDICATED

TO THE SIGINT POSITION AND USED TO EXCHANGE INFORMATION
WITH AN EXTERNAL FILTER CENTER. TRACK CAPACITY WILL BE
DOUBLED FROM THE PRESENT 100.

- ADDITIONAL ECCM: INTENDED TO MAINTAIN THE MARGIN OF
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ECCM SUPERIORITY WHICH THE CORE CONFIGURATION E-3A
POSSESSES OVER EXISTING JAMMERS AS THE ECM THREAT BECOMES
MORE SOPHISTICATED. PROVIDES FOUR FEATURES: INCREASED
NUMBER OF OPERATING FREQUENCIES, FREQUENCY SPOOFER,
GATED GUARD CHANNEL AND A DISPLAY CONSOLE.

- SELF DEFENSE SUBSYSTEM: WILL INCLUDE A RADAR WARNING
RECEIVER (RWR).

THE DELETION OF CERTAIN EQUIPMENT FROM THE IRANIAN AWACS,
TOGETHER WITH THE INCORPORATION OF THE ENHANCEMENTS
OUTLINED ABOVE IN THE USAF AWACS, SIGNIFICANTLY
MINIMIZES THE RISK OF USAF AWACS PERFORMANCE DEGRADATION
RESULTING FROM ANY IRANIAN AWACS SECURITY COMPROMISE.
IF THE SOVIETS SHOULD ACQUIRE THE IRANIAN AWACS, THE
USAF AWACS, SUPPLIED WITH THE ADDITIONAL EQUIPMENT
DESCRIBED ABOVE, WOULD STILL BE A SUPERIOR SYSTEM ABLE
TO COUNTER SOVIET ACTIVITIES.

(2) SECURITY PRECAUTIONS.

WE WILL BE TAKING SPECIAL SECURITY PRECAUTIONS FOR THE
IRANIAN AWACS, IN ADDITION TO THE IRANIAN AND U.S.-
IRANIAN SECURITY ARRANGEMENTS WHICH HAVE PROVIDED
SATISFACTORY PROTECTION FOR ALL U.S. MILITARY
EQUIPMENT PREVIOUSLY SOLD TO TRAN.

THE FRAMEWORK FOR THOSE SPECIAL AND NORMAL SECURITY
PRECAUTIONS IS THE U.S.-IRANIAN AGREEMENT OF JUNE 6, 1974
ON THE SAFEGUARDING OF CLASSIFIED INFORMATION. IT
PROVIDES THAT STRINGENT SECURITY PRECAUTIONS MUST BE
OBSERVED BY IRAN WITH RESPECT TO CLASSIFIED INFORMATION
RECEIVED FROM THE UNITED STATES. "INFORMATION- IS
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<< END OF DOCUMENT >>

Message Attributes

Automatic Decaptioning: Z
Capture Date: 22-Sep-1999 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: AWACS, AIR DEFENSE, US CONGRESSIONAL PRESENTATIONS, MILITARY SALES,
Control Number: n/a
Copy: SINGLE
Sent Date: 13-Aug-1977 12:00:00 am
Decaption Date: 22 May 2009
Decaption Note: 25 YEAR REVIEW
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
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Disposition Date: 22 May 2009
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Disposition Reason:
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Enclosure: n/a
Executive Order: 11652 GDS
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Expiration:
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Format: TEL
From: STATE
Handling Restrictions:
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t197708117/baaaetnb.tel
Line Count: 234
Litigation Code IDs:
Litigation Codes:
Litigation History:
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Message ID: ea8ab350-c288-dd11-92da-001cc4696bcc
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Secure: OPEN
Status: NATIVE
Subject: AWACS ASSURANCES
TAGS: PFOR, MASS, US, IR
To: TEHRAN NIACT
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